



2182

IBM/112  
Confirmation No. 6131

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Troy David Armstrong et al.      Art Unit: 2182  
Serial No.: 09/456,211      Examiner: Joshua D. Schneider  
Filed: December 7, 1999      Atty. Docket No.: IBM/112  
For: FAIR ELEVATOR SCHEDULING ALGORITHM FOR DIRECT ACCESS  
STORAGE DEVICE

**TRANSMITTAL**

Assistant Commissioner for Patents  
Washington, DC 20231

ATTENTION: Official Draftsman

Sir:

We are transmitting herewith the attached:

**RECEIVED**

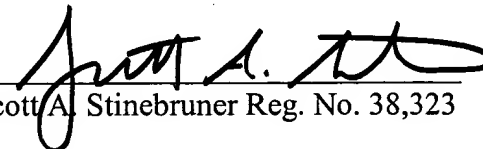
**DEC 18 2002**

**Technology Center 2100**

Transmittal (in duplicate) containing Certificate of Mailing Under 37 CFR 1.8  
Submission of Formal Drawings  
4 Sheets of Formal Drawings (11 total Figures)  
Reply Postcard

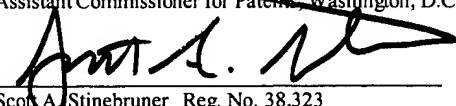
Please charge any additional fees or credit overpayment to Deposit Account No. 23-3000.  
A duplicate of this sheet is enclosed.

WOOD, HERRON & EVANS, L.L.P.  
2700 Carew Tower  
441 Vine Street  
Cincinnati, Ohio 45202  
(513) 241-2324

By:   
Scott A. Stinebruner Reg. No. 38,323

**CERTIFICATE OF MAILING 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231; ATTENTION: Official Draftsman on December 10, 2002.

  
Scott A. Stinebruner Reg. No. 38,323



2182

**PATENT**  
Att'y Docket No. IBM/112/124  
Confirmation No. 6131

**CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid in an envelope addressed to: Box NON-FEE AMENDMENT, Assistant Commissioner for Patents, Washington, D.C. 20231 on: December 10, 2002.

Scott A. Stinebruner      10 DEC 2002  
Reg. No. 38,323      DATE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Troy David Armstrong et al.      Art Unit: 2182  
Serial No.: 09/456,211      Examiner: Joshua D. Schneider  
Filed : December 7, 1999  
For : FAIR ELEVATOR SCHEDULING ALGORITHM FOR DIRECT ACCESS STORAGE DEVICE

Box NON-FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, DC 20231

**RECEIVED**  
**DEC 18 2002**  
**Technology Center 2100**

**AMENDMENT TRANSMITTAL**

1. ☒ Transmitted herewith is an Amendment and Response and 2 Sheets of Proposed Drawing Corrections (with Corrections circled in red).
2. ☐ Small Entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ Enclosed is a verified statement to establish Small Entity status
- ☒ Other than a Small Entity

**3. The fee has been calculated as shown below:**

**CALCULATION OF FEES**

Fee:	Number of Claims After Amendment:		Previously Paid For:	No. Extra:	At Rate:	Amount:
Total Claims	29	minus	29	0	\$18	\$0.00
Independent Claims	6	minus	6	0	\$84	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					\$280	\$0.00
TOTAL FEE FOR CLAIMS:						\$0.00

☒ No additional fee for claims is required.

4. ☐ Attached is a check in the sum of \$ for additional claims.  
☐ Please charge my Deposit Account No. 23-3000 in the amount of \$\_\_\_\_\_.

5. **The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Complete (a) or (b) as applicable.**

- ☐ (a) Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

	<u>Ext. Mos.</u>	<u>Large entity</u>	<u>Small entity</u>
<input type="checkbox"/>	one month	\$ 110.00	\$ 55.00
<input type="checkbox"/>	two months	\$ 400.00	\$ 200.00
<input type="checkbox"/>	three months	\$ 920.00	\$ 460.00
<input type="checkbox"/>	four months	\$1,440.00	\$ 720.00
<input type="checkbox"/>	five months	\$1,960.00	\$ 980.00

Extension fee due with this request:

\$\_\_\_\_\_

Method of Payment:

Check enclosed in the amount of \$\_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(Check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid thereof of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested. Extension fee due with this request \$\_\_\_\_\_.

**OR**

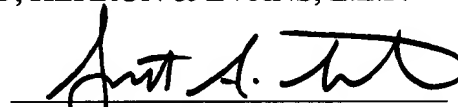
- ☒ (b) **Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.**

6. ☒ **If any additional fee for claims or extension of time is required, charge Account No. 23-3000.**

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

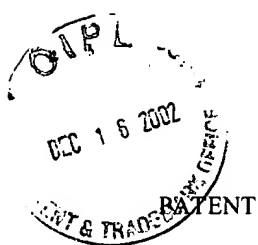
By:

  
Scott A. Stinebruner  
Reg. No. 38,323

2700 Carew Tower  
441 Vine Street  
Cincinnati, Ohio 45202-2917  
(513) 241-2324

**Enclosed:**

Amendment Transmittal (in duplicate) containing Certificate of Mailing under 37 C.F.R. 1.8  
Amendment and Response  
2 Sheets of Proposed Drawing Corrections (with Corrections circled in red)  
Reply Postcard



IBM/112  
Confirmation No. 6131

#6  
C. P. ...  
12/30/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Troy David Armstrong et al.      Art Unit: 2182  
Serial No.: 09/456,211      Examiner: Joshua D. Schneider  
Filed: December 7, 1999      Atty. Docket No.: IBM/112  
For: FAIR ELEVATOR SCHEDULING ALGORITHM FOR DIRECT ACCESS  
STORAGE DEVICE

**SUBMISSION OF FORMAL DRAWINGS**

Assistant Commissioner for Patents  
Washington, DC 20231

ATTENTION: Official Draftsman

Sir:

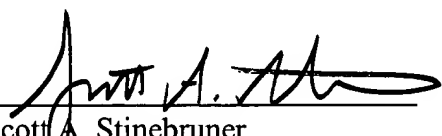
**RECEIVED**  
**DEC 1 8 2002**  
**Technology Center 2100**

Attached hereto are new formal drawings for the above-identified patent application, which are being submitted in reply to the Examiner's rejections in the Office Action mailed September 10, 2002 (Paper No. 2).

If the Office has any questions regarding this paper, or which might otherwise further this case onto allowance, please contact the undersigned at (513) 241-2324. Moreover, if any other charges or credits are necessary to complete this communication, please apply them to Deposit Account 23-3000.

Respectfully submitted,

10 DEC 2002  
Date

  
Scott A. Stinebruner  
Reg. No. 38,323  
WOOD, HERRON & EVANS, L.L.P.  
2700 Carew Tower  
441 Vine Street  
Cincinnati, Ohio 45202  
(513)241-2324